Author Index

Abe, S.

-, Mochizuki, J. and Sone, T.

Liquid-liquid extraction of iron(III) and gallium(III) with macrocyclic Schiff bases containing bisphenol A subunits 387 Aboul-Enein, H.Y.

- and Serignese, V.

Liquid chromatographic determination of taxol and related derivatives using a new polyfluorinated reversed-phase column 187

Alañón Molina, A., see Murillo Pulgarín, J.A. 361

Alder, J.F., see Baker, J.G. 277

Aldstadt, J.H.

-, Kuo, J.M., Smith, L.L. and Erickson, M.D.

Determination of uranium by flow injection inductively coupled plasma mass spectrometry 135

Araújo, M.C.U., see Silva, E.C. 153

Baker, J.G.

-, Rezgui, N.D. and Alder, J.F.

Quantitative millimetre wave spectroscopy. Part III: Theory of spectral detection and quantitative analysis in a millimetre wave confocal Fabry-Perot cavity spectrometer 277

Bao, L.

-, Deng, L., Nie, L., Yao, S. and Wei, W.

Determination of microorganisms with a quartz crystal microbalance sensor 97

Baraj, B.

-, Sastre, A., Martínez, M. and Spahiu, K.

Simultaneous determination of chloride complexes of Pt(IV) and Pd(II) by capillary zone electrophoresis with direct UV absorbance detection 191

Boscolo Brienza, S.M., see Silva, E.C. 153

Boujtita, M.

-, Chapleau, M. and El Murr, N.

Biosensors for analysis of ethanol in food: effect of the pasting liquid 91

Buck, R.P., see Mădăraş, M.B. 335

Bukowsky, H.

-, Uhlemann, E. and Kläui, W.

Extraction of alkali metal, magnesium and calcium ions with cyclopentadienyltris(diethylphosphito-P)cobaltate(-1) 271

Bunker, C.E., see Sun, Y.-P. 379

Burns, D.T.

- and Dunford, M.D.

Spectrophotometric determination of chromium(VI) by extraction of protriptylinium dichromate 205

Cardwell, T.J., see Madden, J.E. 129

Cattrall, R.W., see Madden, J.E. 129

Chapleau, M., see Boujtita, M. 91

Chen, G.-Z., see Xie, J.-W. 231

Chen, H., see Li, G. 275

Chen, L., see Wang, J. 347

Chicharro, M., see Wang, J. 347

Chudobová, I.

-, Vrbová, E., Kodíček, M., Janovcová, J. and Káš, J.

Fibre optic biosensor for the determination of p-glucose based on absorption changes of immobilized glucose oxidase 103

Conesa, A.J., see Pinilla, J.M. 25

Cornelis, R., see Zhang, X. 177

Cosnier, S.

- and Popescu, I.C.

Poly(amphiphilic pyrrole)-tyrosinase-peroxidase electrode for amplified flow injection-amperometric detection of phenol 145

Costa Lima, J.L.F., see Silva, E.C. 153

Cukrowski, I.

-, Hancock, R.D. and Luckay, R.C.

Formation constant calculation for non-labile complexes based on a labile part of the metal-ligand system. A differential pulse polarographic study at fixed ligand to metal ratio and varied pH: application to polarographically inactive complexes 39

Deady, L.W., see Madden, J.E. 129

De Kimpe, J., see Zhang, X. 177

Deng, L., see Bao, L. 97

Deng, Q.

-, Guo, Y. and Dong, S.

Cyro-hydrogel for the construction of a tyrosinase-based biosensor 71

Doherty, A.P.

-, Stanley, M.A., Leech, D. and Vos, J.G.

Oxidative detection of nitrite at an electrocatalytic [Ru(bipy)₂ poly-(4-vinylpyridine)₁₀Cl]Cl electrochemical sensor applied for the flow injection determination of nitrate using a Cu/Cd reductor column 111

Dong, C., see Xie, H. 239

- Dong, S., see Deng, Q. 71 Dunford, M.D., see Burns, D.T. 205
- Economou, A.
- -, Fielden, P.R. and Packham, A.J.
- Wiener filtering of electroanalytical data by means of fast Fourier transform 3
- Efremov, E.E., see Sakharov, I.Yu. 265
- El-Shaikh, A., see Ronot-Trioli, C. 121
- El Murr, N., see Boujtita, M. 91
- Erickson, M.D., see Aldstadt, J.H. 135
- Fehér, Z., see Nagy, G. 49
- Fielden, P.R., see Economou, A. 3
- Gagnaire, H., see Ronot-Trioli, C. 121
- Gee, S.J., see Wortberg, M. 291
- Gorton, L., see Spohn, U. 79
- Guo, Y., see Deng, Q. 71
- Gutmann, F., see Milojevic, D. 353
- Hammock, B.D., see Wortberg, M. 291
- Hancock, R.D., see Cukrowski, I. 39 Hawke, D.J.
 - -, Powell, H.K.J. and Simpson, S.L.
 - Equilibrium modelling of interferences in the visible spectrophotometric determination of aluminium(III): comparison of the chromophores chrome azurol S, eriochrome cyanine R and pyrocatechol violet, and stability constants for eriochrome cyanine R-aluminium complexes 305
- Henze, G., see Heppeler, F. 19
- Heppeler, F.
- —, Sander, S. and Henze, G.
- Determination of tin traces in water samples by adsorptive stripping voltammetry 19
- Hernández, L., see Pinilla, J.M. 25
- Honorato, R.S., see Silva, E.C. 153
- Hu, B.
 - -, Jiang, Z., Qin, Y. and Zeng, Y.
 - Fluorination with polytetrafluoroethylene slurry in electrothermal vaporization-inductively coupled plasma-atomic emission spectrometry 255
- Interewicz, E., see Wierzchowski, J. 209
- Janovcová, J., see Chudobová, I. 103
- Jekel, M., see Oleksy-Frenzel, J. 165
- Jiang, Z., see Hu, B. 255
- Jin, W., see Xie, H. 239
- Jones, G., see Wortberg, M. 291
- Káš, J., see Chudobová, I. 103
- Kirtikara, K., see Somasundrum, M. 59
- Kläui, W., see Bukowsky, H. 271
- Kodíček, M., see Chudobová, I. 103
- Kornexl, B.E., see Werner, R.A. 159
- Kreissig, S.B., see Wortberg, M. 291

- Kunovits, J., see Nagy, G. 49 Kuo, J.M., see Aldstadt, J.H. 135
- Lawson, G.E., see Sun, Y.-P. 379
- Leech, D., see Doherty, A.P. 111
- Li, G.
 - -, Chen, H. and Zhu, D.
 - Imidazole modified silver electrode and its application to the investigation of the electrochemistry of cytochrome c 275
- Li, Y., see Schutt, W.S. 369
- Liu, C., see Xie, H. 239
- Lu, J., see Pasquini, C. 315
- Luckay, R.C., see Cukrowski, I. 39
- Luong, J.H.T.
 - and Thatipamala, R.
 - Kinetics and performance of a mediated biosensor for hypoxanthine using deflavo xanthine oxidase 325
- Lyberopulu, Th., see Ochsenkühn-Petropulu, M. 249
- Ma, B., see Sun, Y.-P. 379
- Mădăraş, M.B.
 - -, Popescu, I.C., Ufer, S. and Buck, R.P.
 - Microfabricated amperometric creatine and creatinine biosensors 335
- Madden, J.E.
 - -, Cardwell, T.J., Cattrall, R.W. and Deady, L.W.
 - Nafion-based optode for the detection of metal ions in flow analysis 129
- Martínez, M., see Baraj, B. 191
- Mees, L., see Zhang, X. 177
- Milojevic, D.
 - -, Molnar, J., Gutmann, F. and Wong, D.K.Y.
- Toxic interactions between clozapine and ampicillin 353
- Mochizuki, J., see Abe, S. 387
- Molnar, J., see Milojevic, D. 353
- Morelli, E., see Scarano, G. 13
- Murillo Pulgarín, J.A.
 - and Alañón Molina, A.
 - Derivative linear variable-angle scanning fluorescence spectrometry for the determination of closely overlapping drug mixtures 361
- Nagy, G.
 - -. Tóth, K., Fehér, Z. and Kunovits, J.
 - Novel potentiometric monitoring combined with coulometric reagent generation 49
- Narasaiah, D., see Spohn, U. 79
- Nguyen, A.-L.
 - Detection of polychlorinated biphenyls by photoactivated fluorescence and by sensitized laser photolysis 221
- Nie, L., see Bao, L. 97
- Ochsenkühn, K.M., see Ochsenkühn-Petropulu, M. 249
- Ochsenkühn-Petropulu, M.
 - —, Lyberopulu, Th., Ochsenkühn, K.M. and Parissakis, G. Recovery of lanthanides and yttrium from red mud by selective leaching 249

Oleksy-Frenzel, J.

- and Jekel, M.

On-line multicomponent determination of organic compounds in water following gel permeation chromatographic separation 165

Orlanska, I., see Wierzchowski, J. 209

Packham, A.J., see Economou, A. 3

Parissakis, G., see Ochsenkühn-Petropulu, M. 249

Pasquini, C.

-, Lu, J., Tran, C.D. and Smirnov, S.

Detection of flow injection analysis with pH gradient by acousto-optic tunable filter based spectrophotometry 315

Pfeiffer, D., see Spohn, U. 79

Pinilla, J.M.

-, Hernández, L. and Conesa, A.J.

Determination of mercury by open circuit adsorption stripping voltammetry on a platinum disk electrode 25

Pižeta, I.

- and Zelić, M.

Parasitic resistance as a source of error in voltammetric measurements 31

Popescu, I.C., see Cosnier, S. 145

Popescu, I.C., see Mădăraş, M.B. 335

Powell, H.K.J., see Hawke, D.J. 305

Qin, Y., see Hu, B. 255

Rezgui, N.D., see Baker, J.G. 277

Rocke, D.M., see Wortberg, M. 291

Rollins, H.W., see Sun, Y.-P. 379

Ronot-Trioli, C.

—, Trouillet, A., Veillas, C., El-Shaikh, A. and Gagnaire, H. Fibre optic chemical sensor based on surface plasmon monochromatic excitation 121

Roßmann, A., see Werner, R.A. 159

Sakamoto, H., see Tomiyasu, T. 199

Sakharov, I.Yu.

--, Stepanova, I.E. and Efremov, E.E.

Enhancement of ELISA sensitivity for the detection of rabbit anti-HIV antibodies using APAAP complex 265

Sander, S., see Heppeler, F. 19

Sastre, A., see Baraj, B. 191

Scarano, G.

- and Morelli, E.

Determination of phytochelatins by cathodic stripping voltammetry in the presence of copper(II) 13

Schmidt, H.-L., see Werner, R.A. 159

Schutt, W.S.

-, Sigman, M.E. and Li, Y.

Fluorimetric investigation of reactions between ozone and excited state aromatic compounds on silica gel 369

Serignese, V., see Aboul-Enein, H.Y. 187

Sigman, M.E., see Schutt, W.S. 369

Silva, E.C.

---, Araújo, M.C.U., Honorato, R.S., Costa Lima, J.L.F., Zagatto, E.A.G. and Boscolo Brienza, S.M.

Standard additions in flow injection analysis based on merging zones and gradient exploitation: application to copper determination in spirits 153

Simpson, S.L., see Hawke, D.J. 305

Smirnov, S., see Pasquini, C. 315

Smith, L.L., see Aldstadt, J.H. 135

Somasundrum, M.

-, Kirtikara, K. and Tanticharoen, M.

Amperometric determination of hydrogen peroxide by direct and catalytic reduction at a copper electrode 59

Sone, T., see Abe, S. 387

Spahiu, K., see Baraj, B. 191

Spohn, U.

-, Narasaiah, D., Gorton, L. and Pfeiffer, D.

A bienzyme modified carbon paste electrode for the amperometric detection of L-lactate at low potentials 79

Stanley, M.A., see Doherty, A.P. 111

Stepanova, I.E., see Sakharov, I.Yu. 265

Sun, Y .- P.

—, Ma, B., Lawson, G.E., Bunker, C.E. and Rollins, H.W. Effects of photochemical reactions of pyrene in alcohol and aqueous solvent systems on spectroscopic analyses 379

Taga, Y., see Tomiyasu, T. 199

Tanticharoen, M., see Somasundrum, M. 59

Thatipamala, R., see Luong, J.H.T. 325

Tomiyasu, T.

-, Taga, Y., Sakamoto, H. and Yonehara, N.

Spectrophotometric determination of trace bromide by its catalytic effect on the tetrabase-chloramine T reaction 199

Tóth, K., see Nagy, G. 49

Tran. C.D., see Pasquini, C. 315

Trouillet, A., see Ronot-Trioli, C. 121

Ufer, S., see Mădăraş, M.B. 335

Uhlemann, E., see Bukowsky, H. 271

Veillas, C., see Ronot-Trioli, C. 121

Vos, J.G., see Doherty, A.P. 111

Vrbová, E., see Chudobová, I. 103

Wang, J.

-, Chen, L. and Chicharro, M.

Trace measurements of nucleic acids using flow injection amperometry 347

Wei, W., see Bao, L. 97

Wei, Y., see Xie, H. 239

Werner, R.A.

-, Kornexl, B.E., Roßmann, A. and Schmidt, H.-L.

On-line determination of δ^{18} O values of organic substances

Wierzchowski, J.

-, Interewicz, E., Wroczynski, P. and Orlanska, I.

Continuous fluorimetric assay for human aldehyde dehydrogenase and its application to blood analysis 209

Wong, D.K.Y., see Milojevic, D. 353

Wortberg, M.

-, Jones, G., Kreissig, S.B., Rocke, D.M., Gee, S.J. and Hammock, B.D.

An approach to the construction of an immunoarray for differentiating and quantitating cross reacting analytes 291 Wroczynski, P., see Wierzchowski, J. 209

Xie, H.

- -, Dong, C., Jin, W., Wei, Y., Liu, C., Zhang, S. and Zhou,
- B.
- Solid surface room temperature phosphorescence of tetracycline antibiotics 239

Xie, J.-W.

- -, Xu, J.-G. and Chen, G.-Z.
- Sensitized room temperature phosphorescence of biacetyl in AOT reversed micelles—dodecylammonium α -naphthylacetate as energy donor 231
- Xu, J.-G., see Xie, J.-W. 231

- Yao, S., see Bao, L. 97
- Yonehara, N., see Tomiyasu, T. 199
- Zagatto, E.A.G., see Silva, E.C. 153
- Zelić, M., see Pižeta, I. 31
- Zeng, Y., see Hu, B. 255
- Zhang, S., see Xie, H. 239
- Zhang, X.
 - -, Cornelis, R., De Kimpe, J. and Mees, L.
 - Arsenic speciation in serum of uraemic patients based on liquid chromatography with hydride generation atomic absorption spectrometry and on-line UV photo-oxidation digestion 177
- Zhou, B., see Xie, H. 239
- Zhu, D., see Li, G. 275

